

# Amateur TRW radio Club WB6WPO

# cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

OCTOBER 1970

VOL. III No. 10

President	Ed Thornley (WA6JHD)	R6/2188	66117
Vice President	Bill McClellan (W6VB)	M4/1951	50613
Secretary	Bill Thompson (W6PMV)	E2/6043	67093
Treasurer	Bill Dews (K6AWO)	M2/1141	64571
Activity Manager	Doug Freeman (WA6AZW)	M4/2243	53126
Assistant Activity Manager	Doug Heydon (WB6WDS)	M3/2087	50454
Trustee	Carl Rothrock (W6MYC)	S/389	50345
Cross-Talk Editor	Doug Heydon (WB6WDS)	M3/2087	50454
SEA Council Representative	Frank Halligan (WB6GBC)	S/365	50345
QSL Card Manager	Mac McGrew (W6YCZ)	S/365	66633
Emergency Coordinator	Al Lee (W6KQ1)	M1/1406	64530

OCTOBER MEETING  
 "MISSIONARY WORLD WIDE AMATEUR COMMUNICATIONS"  
 AND MOVIE  
 "JUNGLE AIRCRAFT AND RADIO SERVICE"  
 BY  
 GEORGE CAMPBELL (W6FXZ)  
 AND JERRY LONG (WA6CJB)  
 R2/1055 - 28 OCTOBER 1970 - 1200 - 1300

## THE PREZ SEZ

By Ed Thornley (WA6JHD)

Looks like a real fine meeting program that Bill McClellan has lined up for this month. Lets have a good turnout.

Next month, we will be publishing a ballot for election of officers for your club for 1971. I've asked Doug Heydon to head up a nomination committee to solicit candidates for the elected offices - President, Vice-President, Secretary, Treasurer and Activity Manager. If you desire to take an active participation in club activities in any of these offices, let Doug know. It is a bit of work, but its a worthwhile and satisfying way to further the cause of ham radio and the TRW Club.

THE PREZ SEZ (Continued)

We are sorry to report that Herb Gleed, Mas Fujimoto and Jerry Starkey have left the company. We hope they will all continue as associate members and participate in club activities as they have in the past.

73's

Ed

NEWS AND NOTES

Merv Hecht (WB6LEN) who gave us the interesting talk on amateur radio legal problems last month would like to hire someone for part-time work doing microwave circuitry and plumbing. If you are interested in helping Merv convert equipment in the 1200 - 10,000 MHZ range to ham operation, give him a call at 454-0621.

ARRL AFFILIATION

We will be filing application for affiliation with the American Radio Relay League this month. We finally achieved a sufficient ARRL eligibility and hope to soon be adding our backing to ARRL and receiving the benefits of club membership in the national organization. Thanks to those of you who have responded to our appeal and joined ARRL to make affiliation possible.

FURTHER FIELD DAY COMMENTS

We have a communication from Len Chertok (W3GRF), Chairman of the Contest Advisory Committee of ARRL, asking for suggestions on how field day rules might be simplified. Those of you who have struggled with the paper work probably have some bright ideas on how the rules could be improved and simplified. If you have any thoughts, please jot them down and send them to me so we can respond as a club prior to December 1, 1970.

73's

Ed

FOR SALE OR TRADE

Heath Compact Linear HA-14 with both DC and AC supplies (1 KW PEP) 80 through 10 meters. Sell or trade for fixed station linear such as SB-200 or equivalent.

George Campbell (W6FXZ)  
Home - (714) 633-1254

Work - (213) 426-9531

SECRETARY'S REPORT:

By: W.M.Thompson,W6PMV

TRW Amateur Radio Club Executive Board  
Minutes of October 16th meeting.

The monthly meeting of the TRW Systems Amateur Radio Club Executive Board was called to order at 12 noon on Friday, October 16, 1970 in S/1480 at Space Park. Those present included: Ed Thornley, Bill McClellan, Bill Dews, Jerry Starkey, Carl Rothrock, and Bill Thompson.

ANCIENT BUSINESS:

ACTION  
ROTHROCK

1. The action item to investigate procurement of club jackets was transferred to Carl Rothrock, who felt he might move this project off dead center. The Wouff-Hong was temporarily returned to its shelf.

ACTION  
THORNLEY

2. The famous Thornley "soft-sell" ARRL letter was mailed to non-ARRL club members on October 1st. This action appears to have achieved its objective, since a current tabulation indicates 33 ARRL members out of 60 club members. President Ed will now prepare our application for affiliation.

ACTION  
ROTHROCK

3. Jerry Starkey reported a successful shack working party two weeks ago accomplished much toward improving the station's operating capability. Another working party is needed, however, to complete additional tasks. Carl Rothrock will arrange, tentatively on Saturday, Oct. 31. (Watch out for goblins at the top of the tower!)
4. The case of the TRW Radio Club versus Dossie Hays, ex-W6TRW, becomes more bizarre! New developments in this exciting detective story continue to unfold. Among the latest:
  - a) Sherlock McClellan has been tracking Mr. Hays thru his friends - - no results;
  - b) The LA Police Department's Missing Persons agency has been contacted - no results;
  - c) A check of registered voters and the Social Security agency is contemplated by Detective McClellan.
  - d) President Ed and Secretary Bill used the land tie-line to QSO club member Fred Siebert in Greenbelt, Maryland. Fred has agreed to contact his friend who works in the FCC licensing office at Gettysburg.

For the benefit of club members who have joined since this case developed, may we advise that the objective is to obtain Mr. Hay's permission to have the FCC assign W6TRW to our Club. Remember to watch this section of Crosstalk next month for the next exciting episode.

SECRETARY'S REPORT - PAGE #2:

ACTION  
HARTER

- 5) Club officers continue to search for data from prior ham satellite activity to respond to a request for information from Mac McCreery, AFA6KV. George Harter has agreed to discuss this with McCreery.
- 6) Action to schedule the next Club QSO Party has been deferred until the next shack working party can complete installation of the 40 and 80 mH antennae.

ACTION  
THOMPSON

- 7) The matter of Club insurance for such activities as Field Day was discussed. Secretary Thompson was asked to prepare an inquiry to TRW-SEA in this regard.
- 8) Bill Dews reported that he has decided to hold up on efforts to increase club dues, pending the now-probable ARRL affiliation action. Officers observed a brief moment of silent rejoicing with Bill for his tireless efforts toward ARRL affiliation.

CURRENT BUSINESS:

ACTION  
THORNLEY

- 1) Vice Prexy Bill McClellan reported receipt of a letter from the Chairman of ARRL's Contest Advisory Committee. They are querying high-scoring clubs in the 1969 FD contest, seeking ideas, suggestions, etc. for improving future contests. Ed Thornley will accumulate ideas and coordinate a response.
- 2) President Ed appointed a Nominating Committee to select candidates for club offices in 1971. Those appointed:  
Doug Heydon, Chairman  
Stan Johnson,  
Jerry Dean  
Candidates will be listed in the November Crosstalk; Voting by ballot will occur between the November and December meetings; New Officers will be announced at the December meeting.
- 3) Jerry Starkey suggested obtaining 2 and 6 mH antennae for the club station. Carl Rothrock countered suggesting we adjust the 6 mH antenna we now have. Some discussion ensued, followed by a decision to defer action until such time as it was agreed that action should no longer be deferred.
- 4) Vice President Bill announced that speakers for the October meeting will be George Campbell, W6FXZ, and Jerry Long, WA6CJB, regarding the Missionary World-wide Amateur Communication Network.

The meeting was adjourned at 1:00 P.M.

Respectfully submitted,

  
W.M. Thompson, W6PMV, Secretary

SHACK NOTES

By Jerry Starkey (WA6LIJ)

Ye ole station now has 10 thru 75 meter capability thanks to Bill Dews, Frank Halligan, Cec Jordan, Al Lee, Mac McGrew, Johnny Rothrock, Jerry Starkey and Ed Thornley. On Saturday 3 October 1970 the foregoing happy hams combined much eyeball ragchewing with installation of a 40 meter center fed guy wire and a 75 meter dipole between towers. Several QSO's were completed on 40 meters but no serious attempt was made to wring out the new installation. So how about a few knob twisting volunteers at lunch time or after work to let the world know that WB6WPO is cool, calm, and communicative.

Next on the Rocky Road to making WB6WPO an operator's dream is 6 and 2 capability. Yours truly, Jerry, recommends the club purchase 6 and 2 beams, mount them on the rotor now in the careful custody of Mr. Pres. and start bouncing the ions with our 6 and 2 transceivers. Other items for future consideration are: installation of the 80 meter guy wire antenna, stabilize 6 and 2 transceivers, increase 110 volt AC outlets, install fan and or airconditioning, paint walls, make book case, organize weekly club net, tie tape recorder into receiver and transmit circuit, paint towers, design and install speaker/earphone system, obtain telephone and phone patch, obtain and install linear amplifier. ANY OTHER IDEAS TO IMPROVE WB6WPO ARE EAGERLY SOLICITED.

Accolades and appreciation to Cec Jordan and Mac McGrew for the fine fix on the club SX-28A receiver.

Jerry Starkey

TREASURER'S REPORT

By Bill Dews (K6AWO)

Balance on hand 1 September 1970		\$192.52
<u>Receipts</u>		
Dues	\$ 14.00	
Prize Tickets	<u>3.25</u>	
	\$ 17.25	<u>17.25</u>
Cash Available		\$209.77
<u>Expenses</u>		
Door Prizes	\$ 9.80	<u>9.80</u>
Balance on hand 30 September 1970		<u>\$199.97</u>

MORE NEWS AND NOTES

ARRL NEWSLETTER

MEMBERSHIP NEWSLETTER

John R. Griggs  
Director, Southwestern Division  
American Radio Relay League, Inc.

Fellow League Members:

September 23, 1970

It has been my practice to mail all League members in the Southwestern Division three newsletters each year (before the Spring ARRL Board meeting, after the Board meeting, and in September) as a means of providing a continuing contact with the League S-W Division members. I believe any League member has a right to know what is going on in ARRL and amateur affairs, and also a right to sound off to his Director. Only in this manner, I feel, can we have a two-way flow of information that is vital for effective operation of the League. Unfortunately, it is not always possible to respond directly to all of the letters received except where specific information or a reply is requested. However, both Vice Director Arnold Dahlman, W6UEI, and I want you to know that we have appreciated your support and counsel in the affairs of amateur radio.

"WE'VE GOT PROBLEMS" - This is the heading of the editorial in October QST which deals with the FCC Staff level interpretation of long standing amateur rules. This problem arose when some individual requested an interpretation by the FCC of Part 97.39 of the Rules and Regulations as they pertain to the Eye Bank Network. This rule states that "an amateur station license will not be issued to a school, company, corporation, association, or other organization, nor for its use ..." The last four words were interpreted by the FCC staff as rendering illegal many of the public service functions of amateur radio, in which we provide communications for the Red Cross and other organizations, as technically illegal.

The Board last May (Minute 31, Page 72, July QST) instructed the General Manager and the General Counsel to seek a satisfactory solution to this problem. No one, it seems, appears to question the desirability of amateurs aiding these public service activities. However, Part 97.39 was cited by the FCC as its basis for citing fifteen college club stations which participated in the Student Information Network last May, and the situation therefore becomes more urgent. FCC staff members in Washington were quoted as saying the problem can be cleared up if only "somebody will seek a change in the rules." John Huntoon and Bob Booth (General Counsel for the League) do not agree with this position since the aforesaid ruling has been in effect some 40 years. Indeed, the League staff has established a detailed history of the development of amateur rules, including the four words - "nor for its use." It appears that no one at the FCC staff level now knows the reason why, nor the history, of this addition to the amateur rules - hence the interpretation would seem suspect of being in gross error. The League's Executive Committee planned to meet at Newington, Monday, Sept. 28th, to examine this problem and give further direction to the General Manager.



ARRL NEWSLETTER (Continued)

**ELECTION TIME** You will be glad to know that several candidates are seeking the two League offices of Director and Vice-Director for the Southwestern Division. Ballots will be mailed in early October and you are urged to vote for the candidates of your choice and to return the ballot to Newington promptly. Personally, I am happy to see sufficient interest in League affairs to give the members a choice in their balloting. Be sure to vote! Two years ago the vote in this division was only 55 percent of total members! We can do better.

**HAM'S WIDE WORLD FILM** Our Division's copy of this film was worn out some time ago and replaced with a new print. The film has had many showings in this Division, and yet it is still to be seen on certain TV stations and at certain luncheon clubs. Get your friends to tell you of groups that would appreciate seeing the film. Then request it - in plenty of time - by contacting Dave Bell Associates, 1011 Cole Street, Hollywood, CA. 90038. Phone (213) 466-6301. Dave (W6BVN) is the film's producer and as an Assistant Director handles the booking of this film. He also has completed a new film, "THIS IS HAM RADIO", aimed towards teen-agers and available (for a price) to the audio-visual departments of junior and senior high schools.

**DX ADVISORY COMMITTEE** - Nominations should be in ARRL Headquarters now for possible appointment to the new DX Advisory Committee established by order of the Board of Directors last May. See page 86 of September QST 1970 for details. Nomination forms are available either through your SCM or direct from League Headquarters. Closing date is October 31, 1970.

**VIOLATIONS BRING FCC ACTIONS** - The FCC on Sept. 2nd ordered the license of a La Crescenta, Calif. amateur revoked as of October 7th for violations of Section 308(b) of the Communications Act of 1934, and for failing to reply to official communications requesting information per Section 1.89 of the Rules. An amateur in the 4th district had his license revoked as of Oct. 6th for failing to reply to official communications per Section 1.89 of the Rules. Two Washington, D.C. amateurs recently were fined \$100 each for off-frequency violations.

**HF PHONE BAND EXPANSION** - You may recall that the ARRL Board of Directors took no positive action on this matter at the meeting last May. Much discussion is heard now on this problem and I have urged the Board members to take some constructive action by holding a special Board meeting on the subject, but to no avail so far. The FCC now has some 13 petitions before it, all calling for expansion of the HF phone bands. Generally, when the FCC has received ten or more petitions on a given subject, it usually acts ... but does not always achieve the kind of solution the majority of us might want. Each petition is given a RM number by the FCC, and I list herewith most of the petitions they have received on the phone band subject.

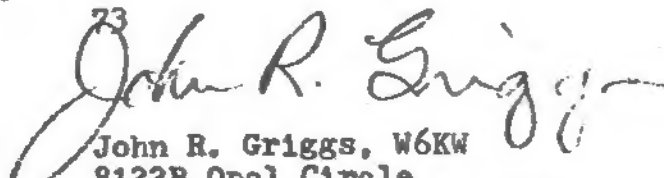
ARRL NEWSLETTER (Continued)

<u>RM #</u>	<u>Date Filed</u>	<u>By</u>	<u>Substance</u>
1306	5/68	K2UTC	Expand 10, 15 and 20m. phone
1349	9/68	Radio Club of Puerto Rico	Expand phone privileges for KP4 licensees only
1477	9/68	W2CNQ	Expand phone bands for DX QSO's only
1479	5/69	W3JM	Expand Extra Class phone bands into cw segments
1544	11/69	W9HTF	Extra Class phone on 40 and 20 meters or expand 20 phone for Extra Class
1550	1/70	WA1LJJ	Expand phone bands, 80 through 15, half for extra, half for Advanced
1603	4/70	W3JM	Expand phone for Extra and Advanced
1614	3/70	W8MOK	Expand phone bands for Advanced and Extra; widen General Class phone; permit Techs on 28mc
1616	4/70	K6VEO and 9 others	Expand phone; abolish reserved bands for Advanced and Extra
1644	6/70	W9IPK and 5 others	Expand phone bands for Advanced and Extra; widen the General Class portions of present phone bands; reduce novice band on 15 to 21.1-21.1; add a new novice band 28.1-28.1; permit Extra Class SSB on 7075-7100 kc and restrict 7100-7300 kc operation to Region 2 only
1665	8/70	WA6FHB	All current telephony bands on 3.5, 7.0 and 14 MHZ to be General Class; 125 kc additional to be Advanced, and 75 kc additional for Extra Class. Reduces Extra Class cw segments in these bands to 20 kc and sets up 30 kc for Advanced and Extra cw; allows Advanced one KW output power and Extra Class 1.5 KW output power.

For copies and additional information on any of these petitions, write to  
Amateur & Special Services Division  
Federal Communications Commission  
Washington, D.C. 20554

Refer to RM numbers.

We welcome your opinions.

23  
  
John R. Griggs, W6KW  
8122B Opal Circle  
Huntington Beach, CA 92647





HAPPINESS IS —  
BEING AN ACTIVE AMATEUR  
AND A ~~W6LS~~ MEMBER!  
WB6WPO

(WITH APOLOGIES AND THANKS TO  
W6LS)

MORE NEWS AND NOTES (Continued)

AUDITOR'S REPORT

TO: J. A. Heydon, W. Dews Bldg. M3 Mail Sta. 2087 Date 9/28/70  
FROM: M. J. Martin, Administrator ESCD Bldg. M2 Mail Sta. 2115 Ext. 63436  
SUBJECT: TRW Systems Amateur Radio Club Treasurer's Audit

I have examined the Treasurer's Annual Report for 1969, including the Quarterly Reports and the related monthly detail sheets with bank debits and credits. My examination was made in accordance with generally accepted auditing procedure for this type of financial reporting.

In my opinion, the final Annual Report, Quarterly Reports and the monthly detail sheets present fairly the financial position of the TRW Systems Amateur Radio Club for the year 1969, and present a level of detail consistent with any financial information that may be required both present and past.

  
M. J. Martin

WELCOME TIME

WB6WPO wants to welcome Nelson Hayes (W6VBB) and Paul Weisz (K6PSE). A short "run down" on our two new members might help you to get better acquainted.

Nelson lives in Garden Grove where he operates his equipment including an SB-101, SB220, SB640, patch, etc. He has held a license for 28 years - currently has an Extra, and his main area of interest in amateur radio is designing and building equipment. Some of his extra (?) time is spent reading HAM RADIO, QST, 73, and judging from the suggested club activities he circled on the application blank, we hope he will be a very active member!

Paul is in Systems Analysis here at TRW, hails from the P.V. area and has been licensed for 24 years with an Advanced License. He particularly enjoys CW Ragchew and 10 MTR Mobile Fone, and his hobbies consist of target shooting and photography. Maybe he would like to document some of our activities such as Field Day, etc. for posterity!

Lets all give Paul and Nelson a great big WELCOME at our October meeting on the 28th.